

that the cap 11 at the free end 9 of the handle 5 of the treatment element 2 fits exactly into it and is clampingly held. The diameter of the extension element 3 is slightly increased from its lower free end 12 to a kink 15, where it is laterally kinked at an angle of approximately 40°. From this a long leg 16, circular in cross section, a short leg 17 is created, with respect to the long leg 16, the short leg 17 has a considerably increased diameter and is no longer circular, but oval in cross section. It terminates in an end face 18, on which a cap 19 is also formed. As in the present exemplary embodiment, this cap can also be cylindrical, can be arranged at the center or off-centered and can have various diameters. However, an off-centered arrangement is preferred, as well as the embodiment as a relatively thin pin, as represented in the exemplary embodiment. This has the advantage that the toy element 4, which is to be placed on the cap 19 is arranged slightly laterally with respect to the axis of the short leg 17, so that it is less in the way of the treatment by the treating physician.

The toy element 4 in turn is placed on the cap 19 of the handle element 3. In the present case the toy element 4 is a toy 20 in the shape of a dolphin 20' and a ball 20". A connecting element 21 has been applied to the toy 20, in the exemplary embodiment on the belly side of the dolphin 20', which has an upper segment 22 on the side toward the toy, and a lower segment 23 on the side toward the instrument. The segments 22 and 23 are connected with each other by a helical spring 24, so that the toy element 4 is provided with some degree of elasticity and mobility with respect to the movements of the treatment element 1 in the hand of the physician, and possibly the grasp of the child. The lower segment 23 of the connecting element 21 is provided with a bore 25, whose diameter in turn has been matched to the cap 19 of the extension element 3, so that the connecting element 21 can be plugged in and clampingly held in place.

The embodiment shown in FIG. 1b differs from the embodiment shown in FIG. 1a in that the tool 8 is different. It shows the treatment element of FIG. 2b.

Some dental instruments for children have been represented merely by way of example in FIGS. 2a to 2c, which have been designed in accordance with the present invention as the treatment element 2 of the instrument. The treatment element represented in FIG. 2a is used for treating the teeth, not shown, in the upper jaw of children in the age group between 6 and 7 years. The treatment element represented in FIG. 2b is used for treating the teeth not shown, in the lower jaw of children in the age group between 9 and 10 years. The treatment element represented in FIG. 2c is used for removing remaining roots in the upper jaw and lower jaw, while the treatment elements represented in FIGS. 2d and 2e are used for treating the molars of children in the age group between 9 and 10 years.

Common to all these treatment elements is the design in the form of a handle 5, which is ergonomically shaped and provided with grooves 6. The handle 5 makes a transition on the one end into the actual tool 8, and on its free end 9 the handle terminates in a front face 10, which has the cap 11 for plugging in the extension element 3.

What is claimed is:

1. An instrument for at least one of a medical and dental treatment of children, comprising:
a treatment element including a tool and a handle adjoining the tool, said handle having a free end;
a connecting element; and
a toy element fastened to said free end by said connecting element, said toy element comprising at least one toy.

2. The instrument as defined in claim 1, wherein said connecting element is removably fastened on said free end.
3. The instrument as defined in claim 1, further comprising:
an extension element fastened between said end and said connecting element.
4. The instrument as defined in claim 3, wherein said extension element is removably fastened on one of said handle; said connecting element and said handle; and said connecting element.
5. The instrument as defined in claim 1, further comprising:
at least one elastic element as part of said connecting element, wherein said toy element is connected to said at least one elastic element.
6. The instrument as defined in claim 3, wherein said treatment element, said toy element and said extension element are made of plastic.
7. The instrument as defined in claim 3, wherein said treatment element, said toy element and said extension element are made of hard rubber.
8. The instrument as defined in claim 3, wherein at least one of said treatment element and said extension element are made of metal, and said toy element is made of one of plastic and hard rubber.
9. The instrument as defined in claim 1, wherein said treatment element is in the form of an instrument for the dental treatment of children.
10. The instrument as defined in claim 1, wherein said treatment element is in the form of an instrument for throat, nose and ear medicine.
11. The instrument as defined in claim 1, wherein said treatment element is in the form of an instrument for ophthalmology.
12. The instrument as defined in claim 1, wherein said treatment element is in the form of an instrument for general medicine.
13. The instrument as defined in claim 1, wherein said treatment element has an end opposite to said free end, and wherein the tool is located at said opposite end, the toy being visible to the children during treatment.
14. The instrument as defined in claim 3, wherein said extension element has an end opposite to said free end, and wherein the tool is located at said opposite end, the toy being visible to the children during treatment.
15. The instrument as defined in claim 1, wherein said connecting element includes an elastic member allowing said toy element to move relative to said treatment element.
16. The instrument as defined in claim 15, wherein said elastic member is a spring.
17. The instrument as defined in claim 16, wherein said connecting element further includes an upper segment for connection to said toy element and a lower section for connection to said treatment element, and wherein said spring is situated between said upper section and said lower section.
18. The instrument as defined in claim 16, further comprising:
an extension element, wherein said connecting element further includes an upper segment for connection to said toy element and a lower section for connection to said extension element, said extension element further being connected to said treatment element.
19. The instrument as defined in claim 18, wherein said extension element includes two legs oriented together to form an angle.

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